

## § 151.77

### § 151.77 Runway paving: General rules.

(a) On any airport, paving of the designated instrument landing runway (or dominant runway if there is no designated instrument runway) is eligible for inclusion in a project, within the limits of the current National Airport Plan. Program participation in constructing, reconstructing or resurfacing is limited to a single runway at each airport, unless more than one runway is eligible under a standard in § 151.79 or § 151.80.

(b) The kinds of runway paving that are eligible for inclusion in a project include pavement construction and reconstruction, and include runway grooving to improve skid resistance, and resurfacing to increase the load bearing capacity of the runway or to provide a leveling course to correct major irregularities in the pavement. Runway resealing or refilling joints as an ordinary maintenance matter are not eligible items, except for bituminous resurfacing consisting of at least 100 pounds of plant-mixed material for each square yard, and except for the application of a bituminous surface treatment (two applications of material and cover aggregate as prescribed in FAA Specification P-609) on a pavement the current surface of which consists of that kind of a bituminous surface treatment.

(c) On new pavement construction, the applying of a bituminous seal coat on plant hot-mix bituminous surfaces only, is an eligible item only if initial engineering analysis and design indicate the need for a seal coat. However, any delay in applying it that is caused other than by construction difficulties, makes the application a maintenance item that is not eligible.

(d) In any case in which the need for a seal coat is necessary for a new runway extension or partial reconstruction of a runway, the entire runway may be sealed.

(e) Appendix C to this part sets forth typical eligible and ineligible items of runway paving.

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## 14 CFR Ch. I (1-1-02 Edition)

### § 151.79 Runway paving: Second runway; wind conditions.

(a) *All airports.* Paving a second runway on the basis of wind conditions is eligible for inclusion in a project only if the sponsor shows that—

(1) The airport meets the applicable standards of paragraph (b), (c), or (d) of this section;

(2) The operational experience, and the economic factors of air traffic at the location, justify an additional runway for the airport; and

(3) The second runway is oriented with the existing paved runway to achieve the maximum wind coverage, with due consideration to the airport noise factor, topography, soil conditions, and other pertinent factors affecting the economy and efficiency of the runway development.

(b) *Airports serving large and small aircraft.* The airport serves both large and small aircraft and the existing paved runway is subject to a crosswind component of more than 15 miles per hour (13 knots) more than 5 percent of the time.

(c) *Airports serving small aircraft only.* The airport serves small aircraft exclusively, and—

(1) The airport has 10,000, or more, aircraft operations each year; and

(2) The existing paved runway is subject to a crosswind component of more than 12 miles per hour (10.5 knots) more than 5 percent of the time.

(d) *Airports serving aircraft of less than 8,000 pounds only.* The airport serves small aircraft of less than 8,000 pounds maximum certificated takeoff weight exclusively and—

(1) The airport has 5,000, or more, aircraft operations each year; and

(2) The existing paved runway is subject to a crosswind component of more than 12 miles per hour (10.5 knots) more than 5 percent of the time.

[Amdt. 151-17, 31 FR 16525, Dec. 28, 1966, as amended by Amdt. 151-28, 34 FR 551, Jan. 15, 1969]

### § 151.80 Runway paving: Additional runway; other conditions.

Paving an additional runway on an airport that does not qualify for a second runway under § 151.79 is eligible if the Administrator, upon consideration